

1. ARTICLE CONTENTS AND FORMAT

1.1 The article shall be innovative, not previously published in other journals, and shall fit the journal's scope and aim. It should contain the information demonstrating the relevance and practical significance of the research, as well as the details on the implementation of its results.

1.2 The authors shall undertake that the article does not contain:

- Advertisements;
- Secrets of state;
- Information whose publication can violate applicable laws of the Russian Federation covering the information and intellectual property protection.

1.3 The article can specify the funding source of the research.

1.4 The article shall be accompanied by a reviewers' report (feedback) signed by the reviewer having an academic degree and experience in the field of the manuscript's topic. For the review format, see the publication website (<https://rs-class.org/about/scientific-activity/scientific-technical-collection/>). The articles prepared by postgraduate students shall be signed by their supervisor.

1.5 The manuscripts for publication in the journal shall be provided by authors for free.

1.6 General requirements to manuscript preparation.

1.6.1 The manuscript's volume in electronic form should not exceed 20 000 characters. This includes tables, charts, diagrams, etc., as well as illustrations.

1.6.2 The article should contain the following information.

- **Title** in Russian and English which should be concise but informative (max. 120 characters).

- **Author's name:** (in full). The specified number of authors should not exceed 4.

- **Author's details:** academic degree and title, position, place of work (official name of the company), city, author's phone, e-mail address should be provided for each author.

- **UDC identifier.**

- **Abstract** of the article: recommended volume – 100 to 250 words. The abstract should clearly define the main goals, tasks, contents, results of the research and possibility of their adaptation for practical use.

The abstract should be in Russian and in English.

- **Keywords:** 8 to 10 words/phrases that accurately reflect the article topic. It is unacceptable to use general words (e.g., problem, solution). It should be in Russian and English. Keywords should provide information about the content of an article using the terms of corresponding specialization.

- **Main text of the article:** general principles of the article structure may vary depending on the subjects and characteristics of the conducted research. It is recommended to follow the next structure of the text:

- Introduction (actuality of research issue, research objectives);
- Main part (the problem statement, solution methods, description of main results);
- Conclusion (analysis of results).

- **References** should be in Russian and English.

2. REQUIREMENTS FOR REFERENCES

2.1 References should be represented in two variants: in Russian and English. References in Russian are formed in accordance with requirements of State Standard 7.1-2003. Bibliographic references are formed in accordance with State Standard R 7.0.5-2008.

2.2 Russian titles should be transliterated in English. It is possible to use program on web site www.translit.ru for the process automatization (choose BGN in list "Variants").

2.3 Basic standards for references on periodicals in English:

2.3.1 Full description of an article:

- author (transliteration);
- title of article (transliteration);
- [title of article translated in English in square brackets];
- title of periodical (transliteration);
- [title of periodical translated in English in square brackets];
- output data.

Description of an article only with title translation:

- author (transliteration);
- title of article translated in English;
- title of periodical (transliteration in italics);
- [title of periodical translated in English in square brackets];
- output data;
- definition (In Russ.) after description of an article.

General reference form:

Author A.A., Author B.B., Author C.C., Author D.D. Title of article. Title of Journal, 2005, vol. 10, no. 2, pp. 49-53.

Example:

Byzov A.L., Utina I.A. The centrifugal effects on amacrine cells in the retina of frog. *Neirofiziologia* [Neurophysiology]. 1971; (3): 293-300. (In Russ.)

2.3.2 The number of authors isn't limited by three. All authors should be mentioned in reference.

2.3.3 The title of article shouldn't be quoted.

2.3.4 The year is followed by the title of periodical.

2.3.5 The title of periodical is set off in italics.

2.4 Basic standards for references on other sources in English.

2.4.1 Recommended description of a monograph:

- authors;
- title of monograph (transliteration in italics);
- [translation of monograph in square brackets];
- output data: place of publishing in English - Moscow, St. Petersburg; name of publisher in English if it is an organization (Moscow St. Univ. Publ.), and

transliteration if the publisher has unique name (GEOTAR-Media Publ., Nauka Publ.);

– number of pages in monograph.

Example:

Nigmatulin R.I. *Dinamika mnogofaznykh sred* [Dynamics of multiphase media]. Moscow, Nauka Publ., 1987. Pt. 1, 464 p.

2.5 Examples by type of source.

2.5.1 Online journal article:

Kontorovich A.E., Korzhubaev A.G., Eder L.V. [Forecast of global energy supply: Techniques, quantitative assessments, and practical conclusions]. *Mineral'nye resursy Rossii. Ekonomika i upravlenie*, 2006, no. 5. (In Russ.) Available at: <http://www.vipstd.ru/gim/content/view/90/278/>. (accessed 22.05.2012).

2.5.2 Article from a collected paper:

Astakhov M.V., Tagantsev T.V. [Experimental study of the strength of joints “steelcomposite”]. *Trudy MGTU “Matematicheskoe modelirovanie slozhnykh tekhnicheskikh system”* [Proc. of the Bauman MSTU “Mathematical Modeling of Complex Technical Systems”], 2006, no. 593, pp. 125-130. (In Russian).

2.5.3 Conference papers:

Usmanov T.S., Gusmanov A.A., Mullagalin I.Z., Muhametshina R.Ju., Chervyakova A.N., Sveshnikov A.V. [Features of the design of field development with the use of hydraulic fracturing]. *Trudy 6 Mezhdunarodnogo Simpoziuma “Novye resursosberegayushchie tekhnologii nedropol'zovaniya i povysheniya neftegazootdachi”* [Proc. 6th Int. Symp. “New energy saving subsoil technologies and the increasing of the oil and gas impact”]. Moscow, 2007, pp. 267-272. (In Russian).

2.5.4 Translated book:

Timoshenko S.P., Young D.H., Weaver W. *Vibration problems in engineering*. 4th ed. New York, Wiley, 1974. 521 p. (Russ. ed.: Timoshenko S.P., Iang D.Kh., Uiver U. *Kolebaniia v inzhenernom dele*. Moscow, Mashinostroenie Publ., 1985. 472 p.).

2.5.5 Internet resource:

Kondrat'ev V.B. *Global'naya farmatsevticheskaya promyshlennost'* [The global pharmaceutical industry]. Available at: http://perspektivy.info/rus/ekob/globalnaja_farmacevticheskaja_promyshlennost_2011-07-18.html. (accessed 23.06.2013).

2.5.6 Doctoral dissertations and master's theses:

Semenov V.I. *Matematicheskoe modelirovanie plazmy v sisteme kompaktnyi tor*. Diss. dokt. fiz.-mat. nauk [Mathematical modeling of the plasma in the compact torus. Dr. phys. And math. sci. diss.]. Moscow, 2003. 272 p.

2.5.7 State Standard:

GOST 8.586.5–2005. Metodika vypolneniia izmerenii. Izmerenie raskhoda i kolichestva zhidkosti i gazov s pomoshch'iu standartnykh suzhaiushchikh ustroystv [State Standard 8.586.5 – 2005. Method of measurement. Measurement of flow rate and volume of liquids and gases by means of orifice devices]. Moscow, Standartinform Publ., 2007. 10 p.

3 REQUIREMENTS FOR ABSTRACT

3.1 Main objectives.

An abstract is succinct summary of a larger piece of work, published in isolation from the main text to act as a reference tool and entice readers to the full document.

Abstract should clarify the essence of study.

Abstracts of the articles can be found at web site <https://rs-class.org/about/scientific-activity/scientific-technical-collection/>.

Abstracts should be translated into English. Usage of automatic programs for translation is strictly prohibited. Articles with low quality English abstracts will be declined.

3.2 Structure and content.

Abstract should state real facts of the study, shouldn't contain exaggerations or material which is not mentioned in main part of an article.

Structure of an abstract shall copy structure of an article and include introduction, main objective(s) of the study, approach/methodology, findings, conclusion.

Abstract includes:

- a) Objective of the study in the succinct format;
- b) Abstract should:
 - follow the chronology of the manuscript, using headlines as guidelines if necessary;
 - not include inessential details;
 - the following phrases can be used “consequently”, “moreover”, “for example”, “the benefits of this study”, “as a result” etc.;
 - the text should be written in active voice as well as include the use of keywords and technical language if required;
- c) a conclusion may contain recommendations, values, hypotheses described in an article.

Abstract should not include common phrase such as “The author of an article examines...”. The historical background shouldn't be mentioned (if it is not the main part of article content).

The text of an abstract should be laconic without inessential information.

Abbreviation expansion shall be included when abbreviation is mentioned in an abstract for the first time.

Abstract should not be less than 100-250 words.

4 REQUIREMENTS TO FORMATTING

4.1 Editor: MS Word

4.2 Font: Times New Roman 14 (black, ordinary). Line spacing: 1.5; indentation: 1.25; orientation: portrait; margins: 2 cm from all sides. The text should be justified. Paragraph-breaks are mandatory.

4.3 The article sections (except for "Introduction" and "Conclusions") are numbered in Arabic numerals. Numbering the sections (headings) that serve only to accentuate the small text is not obligatory.

- 4.4 Paragraphs and lists should be numbered in Arabic numerals.
- 4.5 Links to the source in the reference list should be numbered in Arabic numerals and cited in the text in square brackets.
- 4.6 Footnotes (moved from the main text to the end of the strip) should be bound to the text by references in the form of Arabic numerals and numbered within each separate strip (page). The digits should be typed on the top line of type face.
- 4.7 Quotes are typed in symbols «...» for names in Cyrillic, and symbols "... " for names in Latin.

5 FORMATING FORMULAS, TABLES AND ILLUSTRATIONS

5.1 Formulas should be typed in MS Word formula editor or in character font. Inserting formulas as images of any format is not permitted. Formula size: 12. Formulas, if they are minimum two in number and have links, should be numbered in Arabic numerals in parentheses on the right edge of the strip.

5.2 Tables, if they are minimum two in number, should be numbered. Tables should have a title, unless they immediately follow the text that unambiguously determines their contents. The table number and title are placed above the table. Tables should be in MS Excel or MS Word and embedded in the text of the article. Inserting tables as images of any format is not permitted. Table font size: 11.

5.3 Illustrations (figures), if they are minimum two in number, should be numbered and have a caption (unless the illustration content is unambiguously clear from the preceding text). Graphics, photographs should be of high quality in JPEG, TIFF formats, and should have a resolution of at least 300 dpi.

5.4 It is prohibited to use illustrations of poor quality.

5.5 Articles with illustrations of poor quality, in GIF, BMP, PICT, WPG format, disproportionately large or small illustrations will be declined.

5.6 Publication of photos/images in the Research Bulletin of Russian Maritime Register of Shipping is done in accordance with the requirements of Article 1274, Part IV of the Civil Code of the Russian Federation, dated 18 December 2006, No. 230-FZ. Free use of materials for information and scientific purposes is performed in strict compliance with the following conditions:

- reference to the author or other right holder;
- reference to the source of the reproduced material;
- use within the scope justified by the purpose of quotation.

6 REVIEWING ARTICLES

6.1 The article shall be sent directly to the Editor-in-Chief of the journal (boyko.ms@rs-class.org).

6.2 Every paper is reviewed at two stages. At the first stage paper and review of a specialist with academic degree and sufficient subject matter expertise shall be sent to the editorial office. At the second stage papers are submitted to the departments of the RS Head Office with corresponding specialization and to the independent reviewers. The paper can be presented at the relevant section of the RS Scientific and Technical Council and forwarded by the Secretary of the section to the Research Department, together with the final decision on publication. Competent reviewers can express freely motivational criticism regarding the level and clarity of the work, its relevance to the journal's field, and

the novelty and accuracy of the results. Editor-in-chief and Editorial board make decision regarding publication of the paper with a glance of all materials and reviews.

6.3 After reviewing, the article may be accepted, rejected or considered acceptable with revisions.

6.4 The manuscripts not approved by the Editorial Board for publication are returned to the corresponding author with a letter of response clarifying the reason for rejection.

6.5 The editorial office reviews all submitted manuscripts which contents fit the scope of the journal, for their expert evaluation. All reviewers have sufficient subject matter expertise and their own scholarly works in the field of the manuscript's topic published over the past 3 years. The reviewers' reports are kept by the publishing office / editorial office for 5 years.

6.6 The editorial office undertakes to submit copies of reviewers' reports to the Ministry of Education and Science of the Russian Federation if requested.